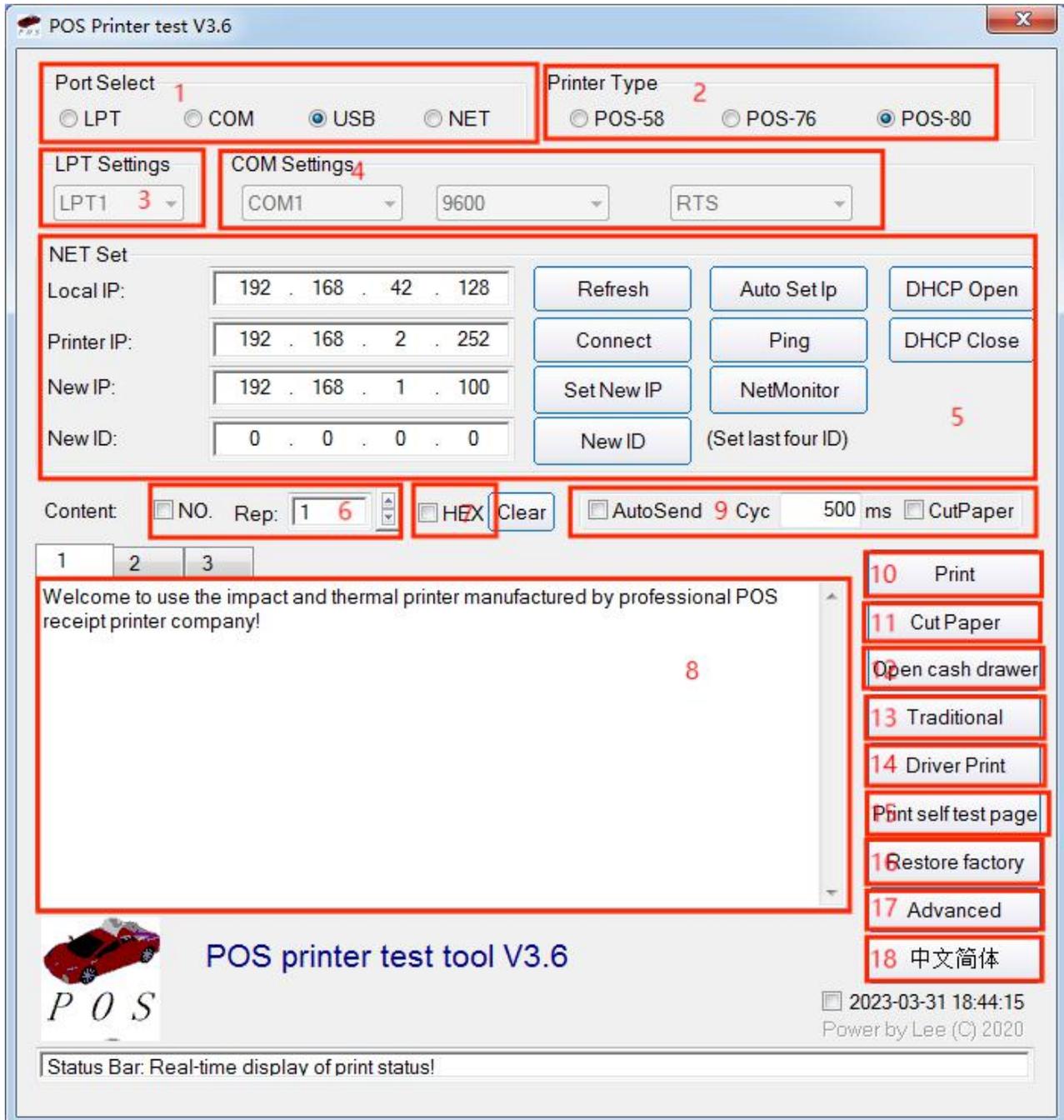


POSPrinter V3.6C Test Tool Instructions

I. Introduction to main interface



1. Communication port selection:

Communication interface of printer: 4 options of parallel port, serial port, USB port and Ethernet Port.

2. Printer selection:

Printer types are classified into POS-58, POS-76 and POS-80 based on paper size.

3. Parallel port setting:

Parallel port setting Set the parallel port number to match the communication with the computer.

4. Serial port setting:

Serial port setting Configure serial port settings such as port number, baud rate, and flow control.

5. Ethernet Port Settings:

Change the IP address of the Ethernet Port printer through the Ethernet Port settings.

"**Local IP**"--- refers to the actual IP address of the computer, which can be obtained by clicking the "Refresh" button or manually adding the IP address.

"**Printer IP**"--- refers to the current IP address of the printer. Its detail information can be viewed in the printer's self-test page, which is only applicable to Ethernet Port printers.

"**New IP Address**"--- refers to the desired IP address to be assigned to the printer (the printer's IP address should be in the same network segment as the computer's IP address for communication to take place).

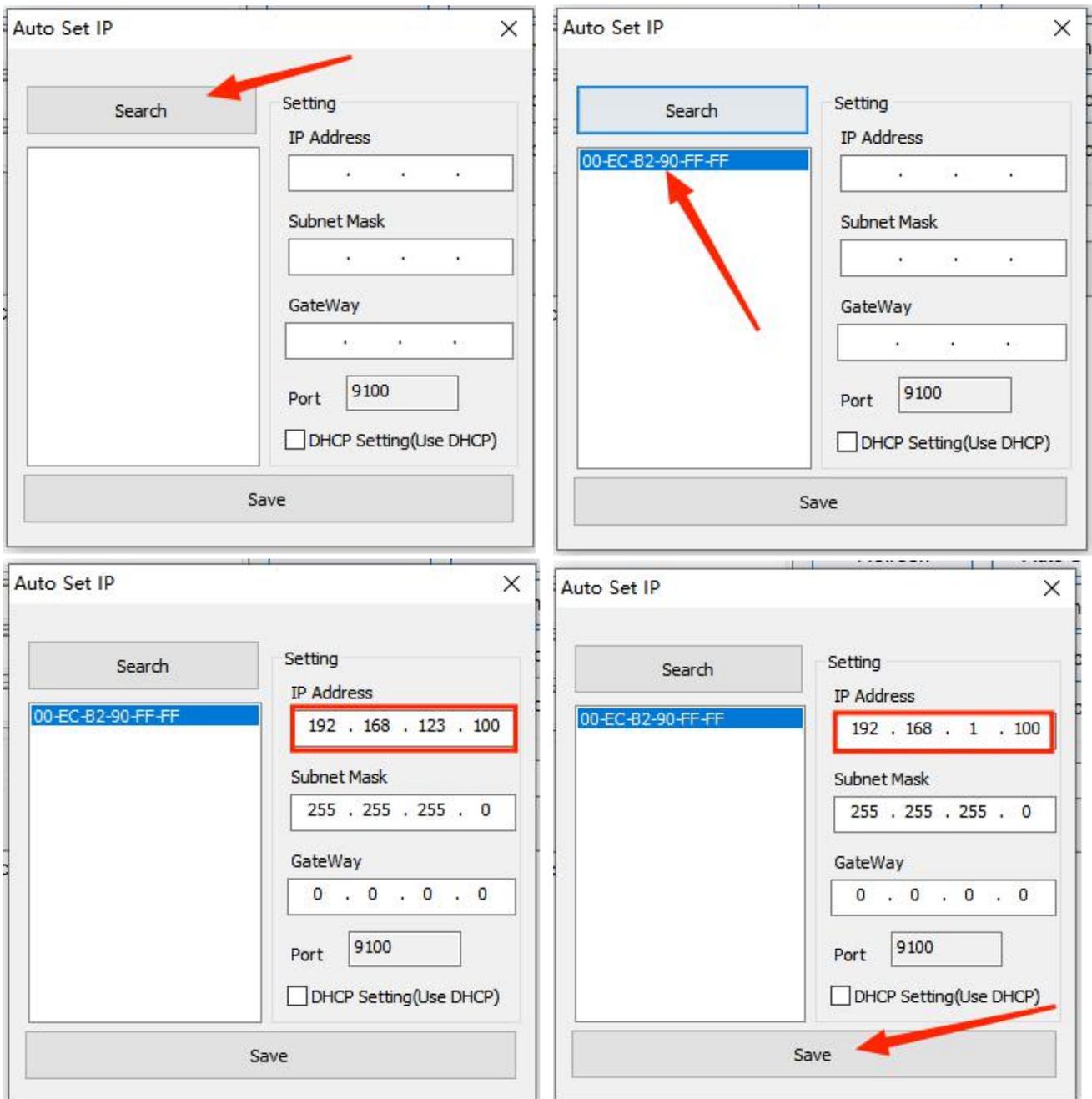
"**New ID Address**"--- refers to the desired ID address that the printer should be changed to (the printer's ID address must be unique within a network).

Ethernet Port settings can be configured through a HUB, SWITCH, or sometimes cannot be changed through a ROUTER. Alternatively, refer to the PDF instructions in the "IP Address Modification and Other Functions" folder on the CD for other methods of setting up.

"Auto Set IP"--- refers to the functionality that allows for modifying the printer's IP address across network segments.

The method for changing the printer's IP address across network segments is as follows:

- (1) Click the "Auto Set IP" button to enter the settings interface.
- (2) In the settings interface, click the "Search" function. It will display the MAC address of the connected printer. Double-clicking the printer's MAC address will show the printer's current IP address and other information. Modify the IP address and click the "Save" button. The printer will emit a "beep" sound, indicating that the printer's IP address has been successfully modified.



"**Network Monitoring**"---refers to the ability to monitor the printer's status through the network.

"**DHCP On**"---enables DHCP functionality.

"**DHCP Off**"---disables DHCP functionality.

6. Times:

The number of repetitions for printing test content.

7. HEX:

When selected, only hexadecimal data can be entered in the print content for data transmission (primarily used for sending commands to the printer).

8. Print content:

Edit the content to be printed here, and the data can be sent to the printer by clicking the "Print Test" button.

9. Auto Send, cycle, paper cutting:

"**Auto Send**"---When checked, the software will automatically send the data from the Print Content field to the printer

"**Cycle**"---The cycle time for automatically sending data.

"**Paper cutting**"---Used in conjunction with the "Auto Send" button, when selected, the printer will automatically cut the paper according to the set cycle time.

10. Print:

Prints the information and data in the "Print Content" edit box.

11. Paper cutting:

Test the paper cutting function.

12. Opening the Drawer:

Test the cash drawer function.

13. Traditional Chinese Test:

It is used to test print traditional fonts.

14. Driver printing:

Use the installed Windows driver to test printing. If the information can be printed, it indicates a successful installation.

15. Print self-test page:

Print self-test page function.

16. Restore factory settings:

Restore the printer to its factory settings.

17. Advanced:

Click the "Advanced" button to access more functions for printing tests. Detailed instructions are provided below.

18. English:

It is used to switch between the software's Chinese and English language interface.

II. Description of "Advanced" Settings

Click the "Advanced" button in the main interface to open the following interface:

The screenshot shows the 'Advanced' settings window with various options highlighted by red boxes and numbered 1 through 25. The options are:

- 1. H Parameter Settings: Print H, Set Delta, 5
- 2. Code page Settings: PrintCodePage, SetCodePage, 0:PC437(Europe)
- 3. NV Logo Test: NV Download, NV Download2
- 4. Barcode Printing test: Print BarCode, UPC_A, 129, Height
- 5. P76 Buzzer Settings: Set Buzzer, OFF, Set Paper saving
- 6. P76 Density Settings: Set, NORMAL
- 7. P80 Black sens: Set Sensitivity, 12, 12, Set SH
- 8. baud rate settings: Set BaudRate, 19200, (Only P58 and P76E)
- 9. DIP Settings: Set P58 DIP, Set P80 DIP, Set P76 DIP
- 10. 2D Barcode test: Print 2D Barcode
- 11. Net Settings: Set Net, Set Bluetooth
- 12. USB MODE Settings: USB Printing, Virtual COM
- 13. USB port settings: Fix USB, Random USB
- 14. Black Mark Settings: Set 80 BlackMark, Set 76 BlackMark
- 15. File data send: Open File Send
- 16. Cut With Beep: Cut With Beep Set, ON
- 17. Width Settings: Set Width, 72mm
- 18. Close lid cut: Set, Not cut paper
- 19. Density Settings: Set Density, 5
- 20. Sound and light alarm: Set, OFF, Take paper timeout(s): 10, Alarm timeout(s): 300
- 21. Language setting: Language Set, Chinese Simplified
- 22. Replay settings: Replay Set, ON
- 23. Queuing settings: Queuing Set
- 24. Input Box Code: 936 - Chinese Simplified(GB2312), Set
- 25. Program upgrade: Program upgrade

1. Dot Matrix Settings:

It is mainly used for adjusting the clarity of the 76 series dot matrix printer. Click "Print H Rows" to print sixteen groups of H letters ranging from 0 to F. Then select the clearest group and use "Set Delta Value" to adjust it.

2. Set the default code page:

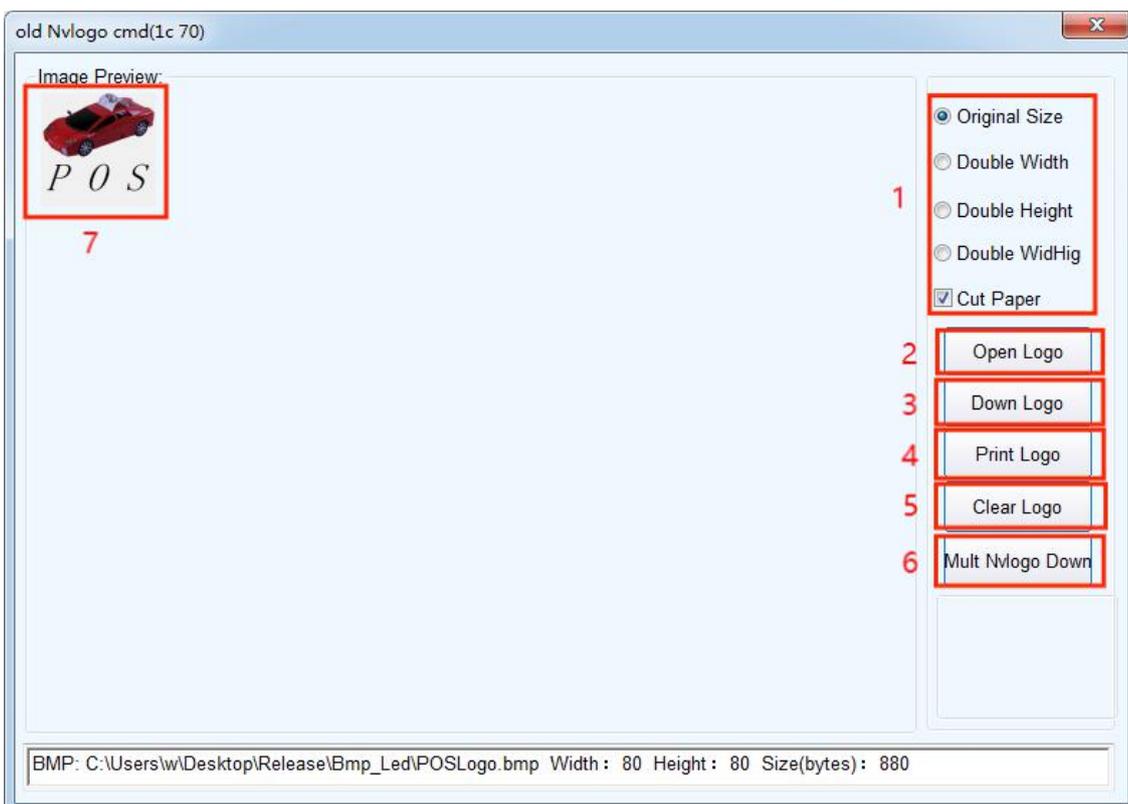
This setting is used to change the printer's default code page. The image below shows some code pages for the 80 series machines.

Code Page:	
0: PC437(Std.Europe)	1: Katakana
2: PC850(Multilingual)	3: PC860(Portugal)
4: PC863(Canadian)	5: PC865(Nordic)
6: (West Europe)	7: Greek
8: (Hebrew)	9: East Europe)
10: (Iran)	16 (WPC1252)
17: PC866(Cyrillic#2)	18 PC852(Latin2)
19: (PC858)	20 (IranII)
21: (Latvian)	22 (Arabic)
23: (PT1511251)	24 (PC747)
25: (WPC1257)	27 (Vietnam)
28: (PC864)	29 (PC1001)
30: (Uigur)	31 (Hebrew)
32: WPC1255(Israel)	255: (Thai)

Simply choose the desired code page from the "Set Code Page" column and click "Set Code Page" to apply the setting. After setting, you can also click "Print Code Page" to view the configured code page.

3. NV logo demonstration:

Click "NV Download" button to pop up the following menu:



3.1 Print NV LOGO Size Requirements and Paper Cutting Function Selection.

3.2 Opening LOGO:

Click to select the picture in BMP format or LOGO file to print.

3.3 Download LOGO:

After clicking the button, download and open the content of a BMP format file that has been previously opened. It can be printed by clicking "Print NV LOGO".

3.4. Print LOGO:

Click the button to finish printing the LOGO picture.

3.5 Delete LOGO:

Delete the downloaded NV LOGO content.

3.6 Download Multiple NV LOGOs:

Multiple NV LOGOs can be downloaded at the same time.

3.7 Display current NV LOGO content

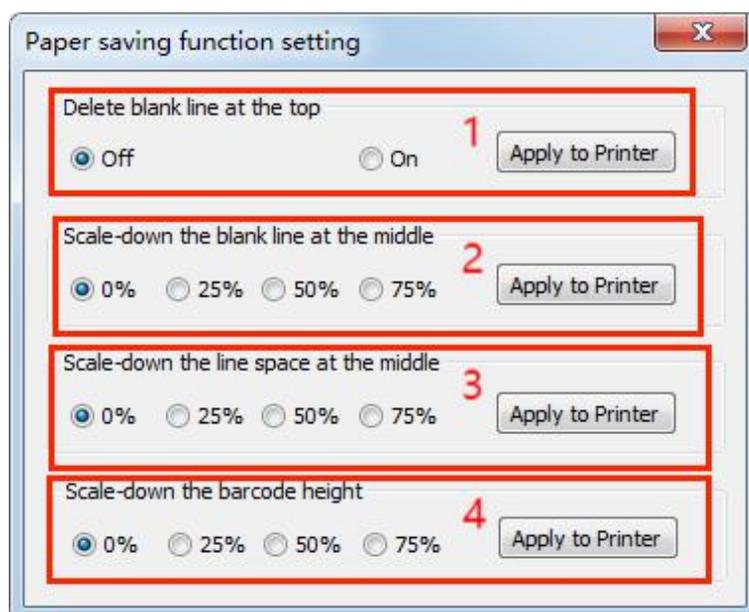
4. Barcode printing test:

Select various barcode types and barcode heights for test printing. There are nine options for one-dimensional barcode selection.

5. P76 buzzer setting:

5.1 Set the buzzer on or off for some of the 76 series machines.

5.2 Paper saving function configuration:



5.2.1 Remove Blank Space at the Top of the Bill

Blank Description at the top of the bill: it refers to 0A (line feed) and 20(full line of spaces) at the top of the bill.

When the function is enabled, the 0A line feed and 20 space lines at the top will be removed.

5.2.2 Compress Blank Lines in the Middle of the Bill

Description of blank line in the middle of the bill: it refers to 0A (line feed) and 20(full line of spaces) in the middle and at the bottom of the bill.

0%: Disable compression of blank lines in the middle.

25%, 50%, 75%: Enable compression of blank lines in the middle based on the selected percentage.

5.2.3 Compress Line Spacing in the Bill Formatting

Note of ticket line spacing: it refers to the default line spacing (1B 33) and the set line spacing (1B 32 n).

0%: Disable line spacing compression.

25%, 50%, 75%: Enable line spacing compression based on the selected percentage.

5.2.4 Compress Barcode Height in the Bill

0%: Disable barcode height compression.

25%, 50%, 75%: Enable barcode height compression and compress it based on the selected percentage.

6. P76 printing density setting:

Adjust the print effect for machines in the 76 series. There are three modes:

LIGHT, NORMAL, DARK.

7. P80 black mark sensitivity setting:

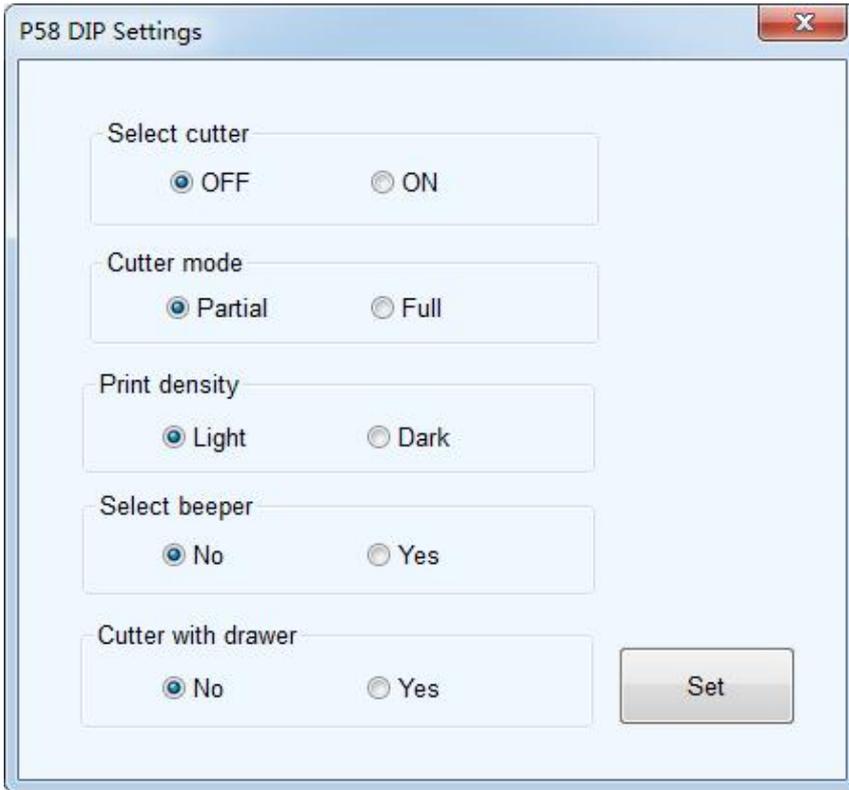
Sensitivity adjustment of the black mark for machines in the 80 series are based on the different degrees of black mark paper. The black mark function setting must be enabled for it to take effect.

8. Serial baud rate setting: (only for 58 series and P76E)

Different baud rates (e. g. 9600,19200,38400, etc.) can be set

9. DIP switch setting:

There are 58 series and 80 series available (only for models without DIP switches)

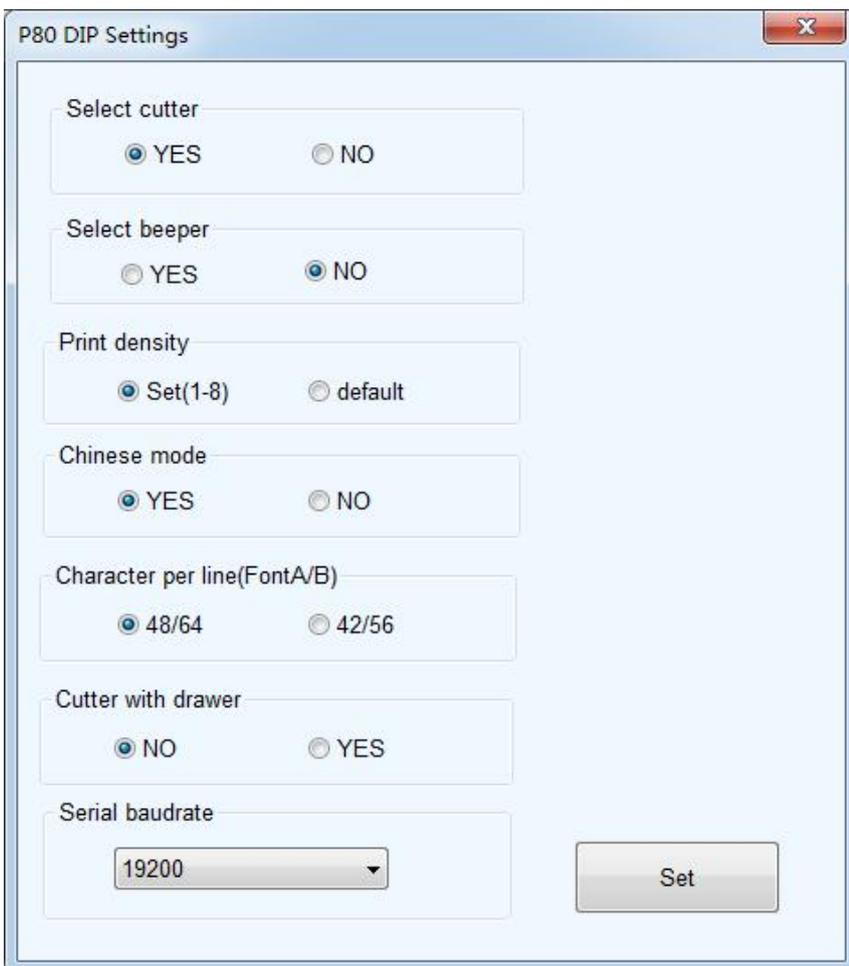


The screenshot shows a dialog box titled "P58 DIP Settings" with a close button (X) in the top right corner. The dialog contains five sections, each with two radio button options:

- Select cutter:** OFF, ON
- Cutter mode:** Partial, Full
- Print density:** Light, Dark
- Select beeper:** No, Yes
- Cutter with drawer:** No, Yes

A "Set" button is located at the bottom right of the dialog.

(58 series)



The screenshot shows a dialog box titled "P80 DIP Settings" with a close button (X) in the top right corner. The dialog contains seven sections:

- Select cutter:** YES, NO
- Select beeper:** YES, NO
- Print density:** Set(1-8), default
- Chinese mode:** YES, NO
- Character per line(FontA/B):** 48/64, 42/56
- Cutter with drawer:** NO, YES
- Serial baudrate:** A dropdown menu showing "19200".

A "Set" button is located at the bottom right of the dialog.

(80 series)

10. QR code test:

Edit and test printing of QR codes

two dimensional barcode test

Error level selection (7%-30%)

Error correction level:
7%

amplification:
7

(1-16)

Generated QR code image

Welcome pos test

Edit QR code content

Cut paper after printing

Back

Cut

Clear
Clear the content of the edit bar

Generate

Send Data

Click to exit the interface

Generate editing content

Click to send and print

11. Network settings:

It is divided into "Network Settings" and "Bluetooth Settings"



The screenshot shows a window titled "Net Settings" with a close button in the top right corner. The window is divided into two main sections: "Net Settings" and "WiFi Settings".

Net Settings:

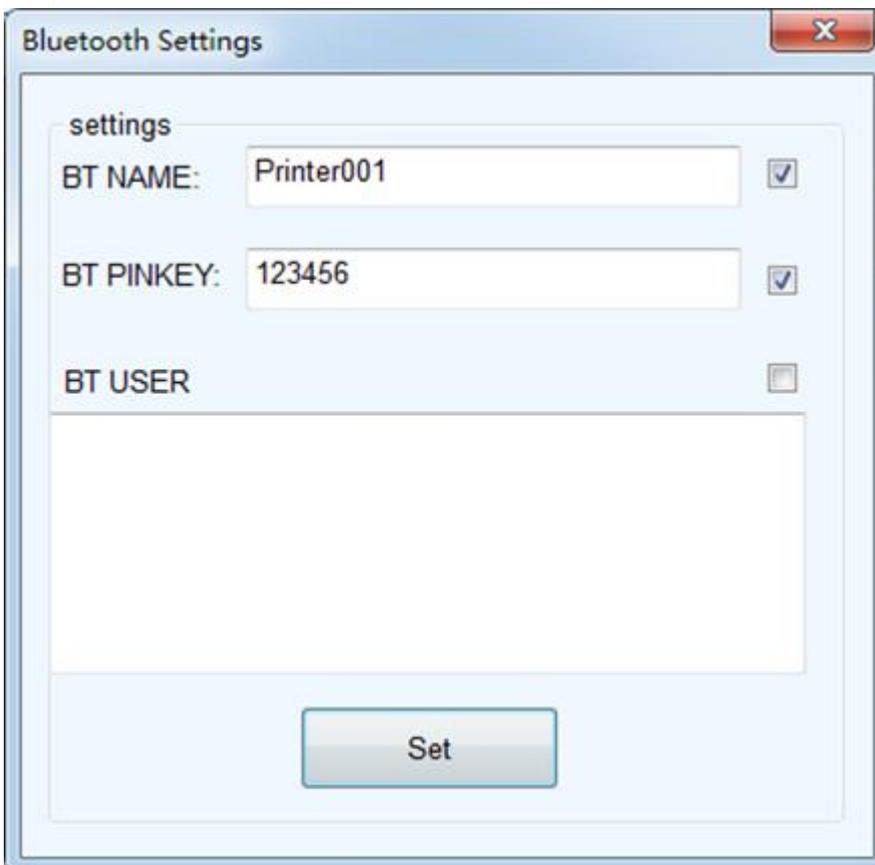
- IP Address: 192 . 168 . 123 . 100 (with a "SetIPAddr" button)
- NetMask: 255 . 255 . 255 . 0 (with a "SetNetMask" button)
- GateWay: 192 . 168 . 123 . 1 (with a "SetGateWay" button)
- A "Set above contents" button is located below these fields.

WiFi Settings:

- SSID: Printer001
- WiFi Key: Printer001
- Key Type: WPA2_AES_PSK (dropdown menu)
- A "Set above contents" button is located below these fields.
- WiFi CMD: (empty dropdown menu)
- A "CMD Set" button is located below the WiFi CMD field.

On the right side of the window, there is a "POS" logo and two buttons: "Set All" and "Return".

(Network Settings)



The screenshot shows a window titled "Bluetooth Settings" with a close button in the top right corner. The window contains a "settings" section with the following fields:

- BT NAME: Printer001 (with a checkmark icon)
- BT PINKEY: 123456 (with a checkmark icon)
- BT USER (with an unchecked checkbox icon)

Below these fields is a large empty text area. At the bottom of the window is a "Set" button.

(Bluetooth settings)

12. USB mode setting:

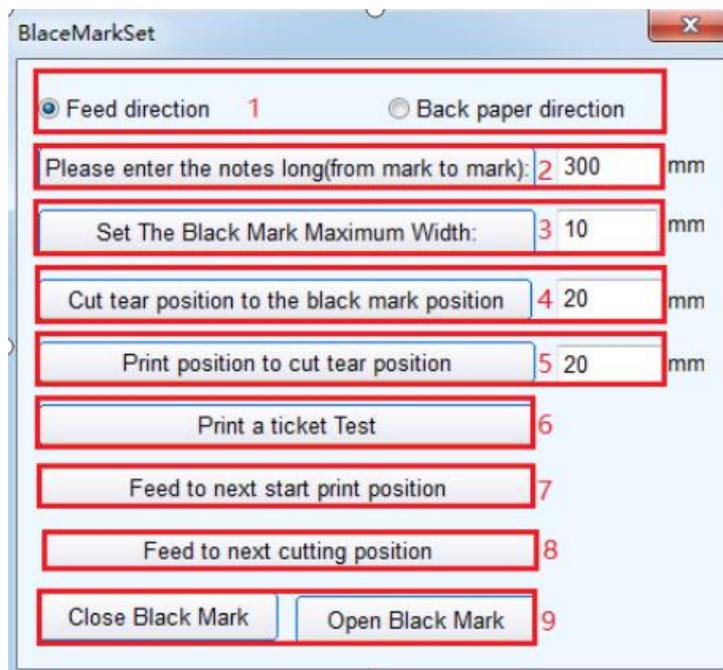
Settings for the printer's USB interface mode, including USB Printing and Virtual Com, which can switch the USB mode of the printer according to the requirements of customer. For detailed instructions, refer to the "USB Port and Virtual Com Switching Installation Instructions" file in the "IP Address Modification and Other Function Instructions" folder.

13. USB port setting:

Switch between fixed or random USB port numbers.

14. Black mark setting:

Settings for special papers with black marks.



The screenshot shows a dialog box titled "BlaceMarkSet" with a close button (X) in the top right corner. The dialog contains several settings, each with a red box around it and a number in the right margin:

- Feed direction 1 Back paper direction
- Please enter the notes long(from mark to mark): 2 300 mm
- Set The Black Mark Maximum Width: 3 10 mm
- Cut tear position to the black mark position 4 20 mm
- Print position to cut tear position 5 20 mm
- Print a ticket Test 6
- Feed to next start print position 7
- Feed to next cutting position 8
- Close Black Mark Open Black Mark 9

14.1 Offset for paper feeding direction, offset for paper retracting direction

Select the direction of data calculation when setting the position for cutting or tearing the paper. The default value is the paper feeding direction.

14.2 "Please enter the distance between black marks (length of the bill)"

Calculate the center distance between two black marks.

14.3 "Set the upper limit value of black mark width to"

Calculate the actual height value of a black mark.

14.4 "Offset of cutting and tearing position from black mark position"

Calculate the actual distance from the print head sensor to the cutter for cutting the paper.

14.5 "Distance from the cut/tear position to the starting print position"

Calculate the distance from the cut/tear position to the desired starting position for printing.

14.6 "Printing a Bill"

Click to print a bill. In the normal setting, it will automatically advance to the position of a black mark and cut the paper.

14.7 "Paper feed to next start print position"

Click once to feed the paper to the next starting print position without moving and print information to test the accuracy of the cutting position.

14.8 "Paper feed to next paper cutting position"

Click once to feed the paper to the next cut position and cut the paper, mainly to test the accuracy of the cutting position.

14.9 Disable black mark "and" Enable black mark

The default setting for the printer is not to enable the black mark function. When printing on black mark paper, the black mark function must be enabled before making relevant settings. If the detected black mark position is not accurate after enabling the black mark function, please adjust the "P80 Black Mark Sensitivity" setting in the item 7 of "Advanced" settings.

15. Send file data:

Click the "Send Data" button, select a .bin format file in the dialog, and after opening it, the printer will print the contents of the file.

16. Cutter alarm:

Start or disable the alarm function after cutting the paper with the cutter.

17. Print Width:

Sets the effective width of the print.

18. Cover Cut:

Set the cover cut mode.

19. Print Density:

Set the print effect, level 1-8.

20. Sound and Light Alarm:

Set the mode, paper feeding timeout, and alarm timeout for sound and light alarms.

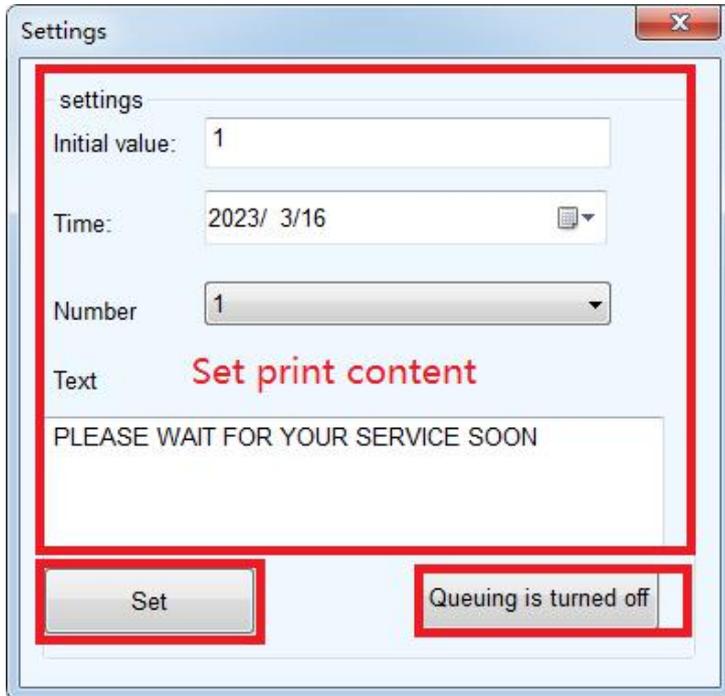
21. Language settings:

Set the default language (Simplified Chinese, Traditional Chinese, Korean, Japanese).

22. Reprint Function Settings:

Enable or disable the reprint function.

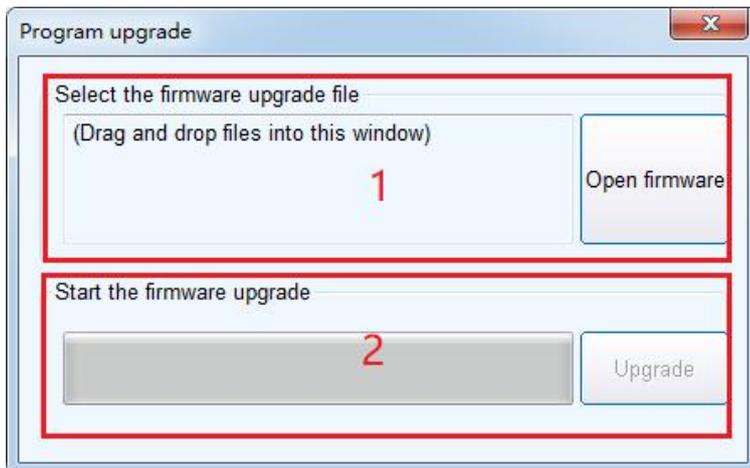
23. Queue function setting:



24. Input box code page:

This is responsible for decoding the font of the text box.

25. Program upgrade:



25.1 Select File

Drag and drop the file into the window or click the button to select the FMW file

25.2 Start Upgrade

Click the button to initiate the upgrade. If there is an upgrade exception, please check the interface connection or restart the printer.